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PTO/SB/05 (8-98)
Approved for use through 8/30/98. CMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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NEW UTILITY PATENT APPLICATION TRANSMITTAL

(to be used for new applications only)

Attorney Docket Number

First Named Inventor

ARIEL S. GRIMES

Total Pages in this Submission

37

APPLICATION ELEMENTS

Notice: Checklist items mentioned under Application Elements section construct a new utility patent application. Please refer to MPEP Sections 506, 601, (37CFR 1.77, 1.53, 35 USC 111, 112, 113) for detailed explanation regarding completeness of an original patent application.

1. ☒ Fee Transmittal Form (prescribed filing fee(s))
2. Specification
 - ☒ Title of the Invention
 - ☐ Cross References to Related Applications (if applicable)
 - ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
 - ☐ Reference to Microfiche Appendix (if applicable)
 - ☒ Background of the Invention
 - ☒ Brief Summary of the Invention
 - ☒ Brief Description of the Drawings (if drawings filed)
 - ☒ Detailed Description
 - ☒ Claim or Claims
 - ☒ Abstract of the Disclosure
3. ☒ Drawing(s) (when necessary as prescribed by 35 USC 113)
4. ☒ Executed Declaration
5. Genetic Sequence Submission (if applicable, all must be included)
 - ☐ Paper Copy
 - ☐ Computer Readable Copy
 - ☐ Statement Verifying Identical Paper and Computer Readable Copy

ACCOMPANYING APPLICATION PARTS

6. ☐ Assignment Papers
7. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
8. ☐ Computer Program in Microfiche
9. ☐ English Translation Document (if applicable)
10. ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations
11. ☐ Petition Checklist and Accompanying Petition
12. ☐ Preliminary Amendment
13. ☐ Proprietary Information
14. ☐ Return Receipt Postcard
15. ☒ Small Entity Statement
16. ☐ Additional Enclosures (please identify below):

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm
or
Individual name

ARIEL S. GRIMES

Signature

Date

A. S. Grimes
1/29/2001

FOR OFFICIAL USE ONLY

Application Number		Class		Independent Claims	
Date of Receipt	Application Type	GAU		Total Claims	
	Filing Date	Foreign Filing License?		Drawing Sheets	
	Small Entity	Foreign Address?		Special Handling?	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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FEE TRANSMITTAL

TOTAL AMOUNT OF PAYMENT (\$)**345**

Complete if Known

Application Number
Filing Date
First Named Inventor **ARIEL S. GRIMES**
Group Art Unit
Examiner Name
Attorney Docket Number

METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number

Deposit Account Name

- ☐ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 ☐ Charge the Issue Fee Set in 37 CFR 1.16 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b)

2. ☒ Payment Enclosed:
☒ Check ☐ Money Order ☐ Other

FEE CALCULATION (fees effective 10/01/96)

1. FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 770 201 385		Utility filing fee	345
106 320 206 160		Design filing fee	
107 530 207 265		Plant filing fee	
108 770 208 385		Reissue filing fee	
114 150 214 75		Provisional filing fee	

SUBTOTAL (1) (\$)**355.00**

2. CLAIMS

Total Claims	Extra	Fee from below	Fee Paid
-20 =	X		0
Independent Claims - 3 =	X		
Multiple Dependent Claims	X		

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 22 203 11		Claims in excess of 20
102 80 202 40		Independent claims in excess of 3
104 260 204 130		Multiple dependent claim
109 80 209 40		Reissue independent claims over original patent
110 22 210 11		Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)**0**

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130 205 65		Surcharge - late filing fee or oath	
127 50 227 25		Surcharge - late provisional filing fee or cover sheet	
139 130 139 130		Non-English specification	
147 2,460 147 2,460		For filing a request for reexamination	
112 900 112 900		Requesting publication of SIR prior to Examiner action	
113 1,790 113 1,790		Requesting publication of SIR after Examiner action	
115 110 215 55		Extension for response within first month	
116 390 216 195		Extension for response within second month	
117 930 217 465		Extension for response within third month	
118 1,470 218 735		Extension for response within fourth month	
119 300 219 150		Notice of Appeal	
120 300 220 150		Filing a brief in support of an appeal	
121 260 221 130		Request for oral hearing	
138 1,470 138 1,470		Petition to institute a public use proceeding	
140 110 240 55		Petition to revive unavoidably abandoned application	
141 1,290 241 645		Petition to revive unintentionally abandoned application	
142 1,290 242 645		Utility issue fee (or reissue)	
143 440 243 220		Design issue fee	
144 650 244 325		Plant issue fee	
122 130 122 130		Petitions to the Commissioner	
123 50 123 50		Petitions related to provisional applications	
126 230 126 230		Submission of Information Disclosure Stmt	
581 40 581 40		Recording each patent assignment per property (times number of properties)	
146 770 246 385		Filing a submission after final rejection (37 CFR 1.129(a))	
149 770 249 385		For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify)			
Other fee (specify)			

SUBTOTAL (3) (\$)

* Reduced by Basic Filing Fee Paid

SUBMITTED BY

Typed or Printed Name **ARIEL S. GRIMES**

Signature *Ariel Grimes*

Date **1/29/2001**

Complete (if applicable)

Reg. Number

Deposit Account User ID

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